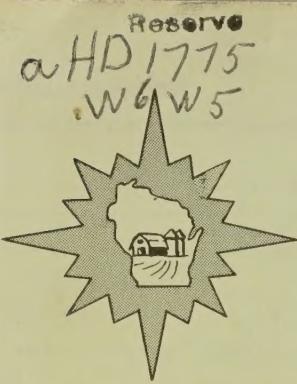


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WISCONSIN Farm Reporter

APR 9 '71
PROCUREMENT SECTION
CURRENT SERIAL RECORDS

VOL IV, NO. 1

- **Dairy** 5 1974
- **Crops** PREP.
- **Livestock**

November 1971

Cream of the News

Milk prices in Wisconsin are expected to average \$5.44 a hundredweight for October, the highest so far in 1971 and equaling the previous high set in November 1970.

Red meat production in Wisconsin's commercial slaughter plants during September was up 5 percent from last year as more beef and pork was produced.

Wholesale prices of cheddar and Swiss cheese remained unchanged from September to October but butter prices were down almost ½ cent a pound.

Milk production in Wisconsin during October was 3 percent more than a year earlier and the highest for that month since 1964.

Higher prices for milk, hogs, and most crops except corn resulted in a 6 point gain in the prices received index for Wisconsin farm products from September to October.

Based on tests of corn samples sent in by farm reporters, the average moisture content of Wisconsin corn at mid-October was 27.5 percent, slightly above a year earlier.

Feeder pig prices increased \$1.50 a head from July to October and were \$1.70 above October last year.

Fertilizer consumption in Wisconsin during the year ended June 30, 1971 was 7 percent more than in the previous year.

Total cheese production in the Nation during September was 7 percent greater than a year earlier but butter output declined 4 percent.

Wisconsin's 1971 preliminary estimate of corn for grain on November 1 was 37 percent more than 1970 and 21 percent larger than the previous record set in 1968.

For the first time since May 1970, barrow and gilt prices at St. Paul in October were above a year earlier.

Butter stocks in the Nation's cold storage facilities on October 31 were 25 percent above last year.

We are Thankful...

We wish to express our thanks to the thousands of Wisconsin farmers who have voluntarily taken time from their busy days to complete our survey forms. Their answers provide the data that are used in making the estimates included in the Farm Reporter and our other releases which tell the story of Wisconsin agriculture. Many requests are received each year for statistical information about Wisconsin agriculture. We could not fulfill these needs without the cooperation and support of loyal reporters who take pride in their work and are willing to share their knowledge with others.

At Thanksgiving all people should be truly thankful for an excellent crop year which yielded an abundant supply of food. May the approaching holiday season be a time of joy and contentment for all.

Sincerely yours,

H. M. Walters

H. M. Walters
Agricultural Statistician
in Charge

MILK PRODUCTION CONTINUES HIGHER

Milk production in Wisconsin during October totaled 1,410 million pounds, an increase of 3 percent from a year earlier and the highest output for October since 1964. Production gained almost 1 percent from September to October compared with little change for those months in 1970. Milk output per cow for October, at 760 pounds, was 20 pounds greater than the previous year. During the first 10 months of 1971, milk production in Wisconsin was nearly 2½ percent more than in that period last year.

222-11-71

WISCONSIN STATISTICAL REPORTING SERVICE

The Nation's October milk production of 9,389 million pounds was up 1 percent from a year ago. Output per cow averaged 759 pounds in October, a gain of 15 pounds from the previous year. Milk production in the Nation during January through October was 1 percent higher than in those months last year.

Milk Production

Selected States	October 1970	October 1971	Jan.-Oct. 1971	Change from last year	
				Oct.	Jan.-Oct.
Million pounds					
Wisconsin	1,365	1,410	15,971	+ 3	+ 2
Minnesota	645	641	8,294	- 1	N. C.
Iowa	353	342	3,894	- 3	- 3
New York	831	841	8,818	+ 1	N. C.
Pennsylvania . .	588	594	6,008	+ 1	N. C.
California	806	822	8,181	+ 2	+ 3
Other states . . .	4,692	4,739	49,032	+ 1	+ 1
United States . .	9,280	9,389	100,198	+ 1	+ 1

MILK PRICES REACH A 1971 HIGH

Milk prices are expected to average \$5.44 a hundredweight for October, the highest so far in 1971 and equaling the previous high set in November 1970. This price would be 9 cents above October last year and a seasonal increase of 14 cents from the previous month. In 1970 milk prices showed a gain of 19 cents from September to October.

Wisconsin farmers received an average of \$5.30 a hundredweight for all milk sold in September, up 14 cents from both a month and a year earlier. Milkfat content for September averaged 3.68 percent compared with 3.70 percent last year.

Producers for the Grade A market received an average of \$5.54 a hundredweight in September, 18 cents above August and 17 cents more than September 1970. Manufacturing grade milk, at \$5.01 a hundredweight during September, was up 8 cents from August and increased 9 cents from the previous year. The price spread between market and manufacturing grade milk was 53 cents for September, 9 cents more than in September last year.

Milk Prices 1/

Selected States	August 1971		September price per cwt.			Oct. 1971 price per cwt. 2/
	Average test	Price per cwt.	1970	1971	71/70 change	
	Percent	Dollars	Dollars	Dollars	Percent	Dollars
Milk for all uses						
Wisconsin	3.60	5.16	5.16	5.30	+ 3	5.44
Minnesota	3.52	4.90	4.86	5.04	+ 4	5.15
Iowa	3.49	4.99	5.04	5.09	+ 1	5.19
New York	3.53	6.30	6.46	6.55	+ 1	6.75
California	3.50	5.45	5.31	5.55	+ 5	5.70
United States . .	3.56	5.74	5.83	5.98	+ 3	6.16
Wisconsin utilization						
Market milk	3.59	5.36	5.37	5.54	+ 3	XXX
Manufacturing milk	3.62	4.93	4.92	5.01	+ 2	XXX
Creameries	3.65	4.92	4.89	5.03	+ 3	XXX
Cheese factories .	3.62	4.93	4.93	5.01	+ 2	XXX
Varied prod. plants	3.64	4.91	4.89	5.00	+ 2	XXX

1/Preliminary average buying prices received for milk of average test. They differ from basic buying prices which are for 3.5% milk. 2-Based on preliminary information for milk of average test.

Wisconsin 3.5 Test Milk Prices 1/

Utilization	Sept. 1970	August 1971	Sept. 1971 2/	Change from last year	
				Dollars per cwt.	Percent
Milk for all uses	4.85	5.02	5.04	+ 4	
Market milk	5.07	5.23	5.29	+ 4	
Manufacturing milk	4.62	4.77	4.74	+ 3	
Creameries	4.54	4.72	4.72	+ 4	
American cheese plants .	4.60	4.74	4.74	+ 3	
Varied products plants .	4.59	4.72	4.72	+ 3	
Federal Order Markets					
Chicago Regional Base Zone 3/ .	5.36	5.39	5.50	+ 3	

1/Computed equivalents. 2/Preliminary. 3/Includes Milwaukee County, Wisconsin and Winnebago County, Illinois.

BUTTER STOCKS UP A FOURTH FROM LAST YEAR

The Nation's stocks of butter in cold storage at the end of October totaled 184 million pounds, an increase of 25 percent from a year earlier. Government stocks, at 156 million pounds, were up 24 percent from October 31 last year.

Total cheese in the Nation's cold storage facilities at the end of October showed little change from the previous year. American cheese stocks were down 1 percent, but Swiss cheese supplies were nearly equal to a year ago and stocks of all other varieties increased 3 percent.

Cold Storage Stocks of Butter and Cheese

Commodity	October 31, 1969	October 31, 1970	October 31, 1971	Change from last year	
				1,000 pounds	Percent
UNITED STATES					
Butter	125,159	147,465	183,993	+ 25	
Cheese, American	294,641	264,762	262,068	- 1	
Cheese, Swiss	10,034	10,984	10,945	N. C.	
Cheese, all other	46,229	60,544	62,495	+ 3	
Cheese, total	350,904	336,290	335,508	N. C.	
WISCONSIN					
Butter	2,627	1,971	9,069	+ 360	
Cheese, American	161,331	150,426	152,535	+ 1	
GOVERNMENT STOCKS*					
Butter	97,916	125,798	156,101	+ 24	
Cheese, American	3,522	3,591	3,090	- 14	

*Included in above totals.

— PUBLISHED MONTHLY —

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This publication is free upon request to the Wisconsin Statistical Reporting Service, Box 5160, Madison, Wisconsin 53705.

Manufacturers' Stocks of Other Dairy Products
United States

Commodity	Sept. 30, 1969	Sept. 30, 1970	Sept. 30, 1971	Change from last year
1,000 pounds				
Dried whole milk	7,137	8,633	6,986	- 19
Dried skim milk	133,375	146,851	121,654	- 17
Dried buttermilk	5,858	9,692	3,070	- 68
Condensed milk and Evaporated milk (case goods) 1/ .	197,564	191,082	163,012	- 15

1/Combined to avoid disclosing individual operations.

**CHEESE PRODUCTION UP
BUT BUTTER LOWER**

Total cheese production in the United States for September was 7 percent greater than a year earlier but butter output declined 4 percent. Production of Italian cheese in September increased 14 percent from the previous year, while output of Swiss rose 9 percent and Brick and Muenster gained 3 percent.

American cheese production in the Nation during September was up 8 percent from last year. Minnesota's output of American cheese increased 43 percent from September 1970 but output in Missouri declined 11 percent. Wisconsin dairy plants manufactured 9 percent more American cheese in September than a year earlier, while all other states had a gain of 4 percent.

Current Dairy Products Estimates

Item and area	Sept. 1970	Sept. 1971	Jan.- Sept. 1971	Change from last year	
				Sept.	Jan.-Sept.
1,000 pounds					
BUTTER				Percent	
Wisconsin	12,366	12,500	161,290	+ 1	+ 3
Minnesota	17,510	14,600	222,645	- 17	- 5
Iowa	6,629	5,860	73,780	- 12	- 1
Other states	35,345	36,050	438,335	+ 2	+ 5
United States	71,850	69,010	896,050	- 4	+ 1
CHEESE, AMERICAN				Percent	
Wisconsin	45,303	49,500	529,050	+ 9	+ 3
Minnesota	8,308	11,870	125,315	+ 43	+ 32
Missouri	7,283	6,480	71,740	- 11	+ 6
Other states	42,717	44,560	461,160	+ 4	+ 5
United States	103,611	112,410	1,187,265	+ 8	+ 7
CHEESE, MISCELLANEOUS				Percent	
United States				Percent	
Swiss	11,514	12,585	116,990	+ 9	+ 5
Brick and Munster	4,363	4,500	44,720	+ 3	+ 7
Limburger	243	200	1,870	- 18	- 9
Italian	31,583	35,860	335,445	+ 14	+ 16
All other	15,180	12,275	126,475	- 19	- 1
Total	62,883	65,420	625,500	+ 4	+ 9
ALL CHEESE				Percent	
United States	166,494	177,830	1,812,765	+ 7	+ 8
OTHER PRODUCTS				Percent	
Cottage Cheese				Percent	
United States				Percent	
Curd 1/	60,283	60,995	578,190	+ 1	+ 4
Creamed 2/	81,439	82,550	780,625	+ 1	+ 4
1,000 gallons					
Ice Cream				Percent	
Wisconsin	1,885	1,850	15,785	- 2	- 6
Illinois	3,612	3,780	32,175	+ 5	+ 3
Iowa	704	710	6,010	+ 1	- 4
Michigan	3,345	3,310	28,685	- 1	- 1
Minnesota	2,465	2,600	22,505	+ 5	+ 3
Other states	57,257	58,245	497,295	+ 2	+ 1
United States	69,268	70,495	602,455	+ 2	+ 1

1/Includes cottage, pot, and bakers' cheese with a milkfat content of less than 4 percent. 2/Includes cheese with a milkfat content of 4 to 19 percent.

National butter production for September was down 4 percent from the previous year. Although Wisconsin increased output of butter 1 percent and other states were up 2 percent from September 1970, production in Minnesota was down 17 percent and Iowa had a decline of 12 percent.

Production of both cottage cheese curd and creamed cottage cheese in the Nation for September was 1 percent above a year ago. Output of ice cream for the Nation during September was 2 percent more than a year earlier.

**AMERICAN CHEESE OUTPUT
WILL REMAIN HIGHER**

Based on weekly receipts of milk by dairy plants, production of American cheese in Wisconsin and the Nation during October will continue above a year earlier. Output of American cheese in the Nation has been above the previous year since July 1969. October's production is expected to be up about 8 percent from last year, the same increase as shown in September. During the first three quarters of this year, output of American cheese in Wisconsin was 3 percent higher than in the comparable period last year while production in the Nation was up 7 percent.

Weekly milk receipts indicate a slight decline in butter production during October for Wisconsin and the Nation. National butter output for October may be down 1 percent from the previous year. During January through September, churning of butter in the Nation were 1 percent higher than those months in 1970 while Wisconsin's production showed a gain of 3 percent.

Recent Changes in Butter and Cheese Output

Periods	Butter			American Cheese		
	United States		Wisconsin	United States		Wisconsin
	Production 1971	Change from last year	Change from last year	Production 1971	Change from last year	Change from last year
September	69,010	- 4	+ 1	112,410	+ 8	+ 9
Jan.-Sept.	896,050	+ 1	+ 3	1,187,265	+ 7	+ 3
Weeks ending						
Oct. 7	17,550	N. C.	- 1	26,000	+ 10	+ 8
Oct. 14	18,300	N. C.	- 2	25,100	+ 5	+ 1
Oct. 21	18,150	- 3	- 5	25,450	+ 9	+ 2
Oct. 28	18,500	- 3	+ 2	25,250	+ 9	N. C.
Total	72,500	- 1	XXX	101,800	+ 8	XXX

**MORE FERTILIZER
BEING USED**

Fertilizer consumption in Wisconsin during the year ended June 30, 1971 was estimated at 902,847 tons, 7 percent more than in the previous year. Fertilizer consumption is defined as all commercial fertilizer materials or products sold or shipped for farm and non-farm use as fertilizer. Materials used in manufacture of registered mixes or for uses other than as fertilizer are excluded.

Mixed fertilizer used in Wisconsin in the period ending June 30, 1971 totaled 412,874 tons. Mixtures accounted for 46 percent of the total fertilizer tonnage in 1970-71 compared with 45 percent a year earlier.

The use of direct application primary plant nutrient materials increased 6 percent from the previous year. Primary nutrients (N, P₂O₅, and K₂O) usage totaled 488,917 tons. Secondary and micro-nutrient materials reported for direct application totaled 1,056 tons compared with 294 tons a year earlier.

**Total Fertilizer, Consumption by Kind
Wisconsin, Years ended June 30, 1967-71 1/**

Year	Mixtures	Direct-application material 2/		Total	
		Primary nutrient	Secondary and micro-nutrient	Quantity	Change from previous year
Tons					
1967 ..	459,039	295,646	1,647	756,332	+ 20
1968 ..	426,470	389,733	1,476	817,679	+ 8
1969 ..	409,411	417,731	1,134	828,276	+ 1
1970 ..	384,846	461,579	294	846,719	+ 2
1971 3/ ..	412,874	488,917	1,056	902,847	+ 7

1/Excludes liming materials. 2/Excludes materials used in commercial mixtures.
3/Preliminary.

**Primary Plant Nutrients, Consumption by Kind of Fertilizer
Wisconsin, Years ended June 30, 1967-71**

Year	N	Available P ₂ O ₅	K ₂ O	Total				
				Quantity	Change from previous year			
Tons								
Mixtures								
1967 ..	31,285	97,268	94,639	223,192	+ 13			
1968 ..	32,620	95,812	82,527	210,959	- 5			
1969 ..	34,679	99,190	74,712	208,581	- 1			
1970 ..	34,182	95,927	69,739	199,848	- 4			
1971 1/ ..	37,159	104,044	72,666	213,869	+ 7			
Mixtures and direct-application materials								
1967 ..	79,252	111,251	179,764	370,267	+ 22			
1968 ..	90,486	115,811	205,261	411,558	+ 11			
1969 ..	103,997	120,882	199,647	424,526	+ 3			
1970 ..	115,130	120,100	197,681	432,911	+ 2			
1971 1/ ..	119,910	127,661	213,310	460,881	+ 6			

1/Preliminary.

**CHEESE PRICES STEADY
BUT BUTTER DOWN**

Wholesale prices of cheddar and Swiss cheese remained unchanged from September to October but butter prices declined. Cheddar cheese, 40 pound blocks, averaged 56 cents a pound at Wisconsin primary markets in October. This was the fifth consecutive month that the wholesale cheddar cheese price showed no change but it was more than ½ cent under a year earlier. Block Swiss cheese, Wisconsin State Brand, averaged 66½ cents a pound in October, the same as September but 2½ cents below last year.

Prices of 92-score butter at the New York market averaged 68.83 cents a pound for October, down almost ½ cent from the previous month and 2½ cents lower than October 1970.

Wholesale Dairy Prices

Commodity	October 1970	September 1971	October 1971 1/
Butter, 92-score, New York, pound . . .	71.33¢	69.23¢	68.83¢
Cheese, Cheddars, Wisconsin primary markets, 40 lb. blocks, pound 2/ . . .	56.56¢	56.00¢	56.00¢
Cheese, Swiss, Wisconsin State Brand, block pound 2/	69.00¢	66.50¢	66.50¢
Evaporated milk, North Central States, case, 48-14½ oz. cans, range	—	\$7.70-9.09	—
Nonfat dry milk solids, spray, Chicago area, pound	26.85¢	31.63¢	31.70¢

1/Preliminary estimates. 2/Selling prices, f.o.b. at Wisconsin assembly points.

CORN MOISTURE SLIGHTLY ABOVE A YEAR AGO

Tests of corn samples sent in by farm reporters revealed that the average moisture content for Wisconsin at mid-October was 27.5 percent compared with 27.2 percent a year earlier. Although the moisture content of corn was slightly above last year, it was well below the average of recent years. The moisture content in the major corn producing areas was lower than at mid-October 1970 but the higher moisture in northern areas brought the state average above a year ago.

Moisture tests showed a large variation in 1971, ranging from a low of 17.2 percent to a high of 47.2 percent. The range in mid-October last year was 17.6 to 40.8 percent. Moisture content of corn in the southeast was 3 percent lower than in 1970 but this was offset by an increase of 3 percent in the west central area and a gain of 2 percent in the north.

Warm weather in the first half of September helped the corn crop to mature safely, but indications from the October 1 Objective Yield Survey showed maturity behind a year earlier. Only 88 percent of the fields sampled reached the dent stage by October 1, while 96 percent had dented by that date in 1970.

**Average Corn Moisture by Districts
Wisconsin, Mid-October 1966-71**

District	1966	1967	1968	1969	1970	1971	Percent moisture	
							1966	1967
Northern 1/	35	37	35	33	31	33		
West Central	31	29	30	32	27	30		
Central	28	37	33	34	28	27		
East Central	29	36	30	33	28	28		
Southwest	31	32	29	34	27	26		
South Central	30	36	30	29	26	27		
Southeast	31	37	29	34	28	25		
State Average	30.7	34.6	31.0	32.4	27.2 2/	27.5		
High	46.5	57.0	50.0	52.0	40.8	47.2		
Low	18.3	20.5	23.2	21.0	17.6	17.2		

1/Includes Northwest, North Central, and Northeast districts. 2/Revised.

**PRICES RECEIVED
INDEX INCREASES**

Higher prices for milk, hogs, and most crops except corn resulted in a 6 point gain in the prices received index for Wisconsin farm products from September to October. At 344 percent of the 1910-14 base, the prices received index for mid-October was 5 points above a year earlier.

Hog prices averaged \$19.60 a hundredweight for the month ending October 15, an increase of \$1.40 from both the previous month and last year. This was the first time since May 1970 that hog prices were above a year earlier.

Steers and heifers averaged \$28.30 a hundredweight for October, down 30 cents from September but \$1.80 higher than a year ago. Slaughter cows, at \$20.50 a hundredweight in mid-October, were unchanged from a month earlier but 40 cents above October 1970.

Calves averaged \$41.70 a hundredweight for October, the same as September but \$2.40 more than last year. Sheep, at \$5.20 a hundredweight in October, declined 70 cents from both a month and a year earlier. Lambs averaged \$23.70 a hundredweight in mid-October, down \$1.20 from the previous month and 80 cents under a year ago.

Egg prices averaged 26 cents a dozen in October, a decline of 2 cents from both a month and a year earlier. Turkeys, at 22 cents a pound liveweight for October, were down 1 cent from last month and last year.

Corn prices dropped 8 cents a bushel from September to October. At \$1.10 a bushel for October 15, corn was 22 cents below that date in 1970. Oats increased 2 cents a bushel from September to October, but at 67 cents was 3 cents under last year. Soybeans averaged \$2.93 a bushel for mid-October, up 6 cents from the previous month and 28 cents above a year ago. This was the highest soybean price for October since 1947.

Prices Received by Wisconsin Farmers

Commodity	Unit	October 1969	October 1970	September 1971	October 1971
Dollars					
Milk cows	Head	340.00	380.00	410.00	410.00
Steers and heifers	Cwt.	25.80	26.50	28.60	28.30
Cows	Cwt.	20.00	20.10	20.50	20.50
Calves	Cwt.	35.30	39.30	41.70	41.70
Hogs	Cwt.	24.40	18.20	18.20	19.60
Sheep	Cwt.	6.80	5.90	5.90	5.20
Lambs	Cwt.	26.80	24.50	24.90	23.70
Wool	Lb.	.34	.29	.25	.25
Chickens 1/	Lb.	.070	.075	.090	.085
Turkeys	Lb.	.23	.23	.23	.22
Eggs	Doz.	.41	.28	.28	.26
Corn	Bu.	1.11	1.32	1.18	1.10
Oats	Bu.	.60	.70	.65	.67
Alfalfa hay, baled	Ton	18.00	20.50	20.00	21.00

1/Excludes broilers.

FEEDER PIG PRICES INCREASE

Farmers in Wisconsin reported paying an average of \$14.30 in October for a feeder pig weighing 41 pounds. This price was \$1.50 more than in July and \$1.70 above October last year. It was the first time since July 1970 that feeder pig prices exceeded the previous year. Prices of feeder pigs have increased each quarter of 1971 after declining sharply during 1970.

Wisconsin Feeder Pig Prices and Weights 1/

Year	January	April	July	October
Dollars per head				
1964	9.45	11.30	9.95	10.00
1965	10.50	12.10	13.00	15.15
1966	20.65	20.00	16.60	16.30
1967	14.50	14.75	15.20	14.90
1968	13.70	15.40	15.10	15.20
1969	14.00	16.40	17.80	19.00
1970	21.50	24.50	18.80	12.60
1971	9.35	12.05	12.80	14.30
Pounds per head				
1964	43	41	41	41
1965	42	40	40	40
1966	41	40	40	41
1967	42	41	41	41
1968	42	40	41	41
1969	41	41	41	41
1970	41	39	40	40
1971	41	40	40	41

1/Prices paid by farmers and weights are average for the month as reported by Wisconsin Crop Correspondents.

OUTPUT OF RED MEAT INCREASES

Production of red meat in Wisconsin's commercial slaughter plants totaled nearly 105 million pounds during

September, a gain of 6 percent from August and 5 percent greater than September last year. Output of both beef and pork was up 6 percent from a year ago.

Cattle slaughter in September totaled 98,000, the same as August but 6,500 more than a year earlier. Average liveweight of cattle at 1,082 pounds was 15 pounds lighter than in September 1970.

Wisconsin packing plants butchered 317,000 hogs in September compared with 300,000 a year ago. Hogs averaged 235 pounds liveweight for September, the same as in the previous year.

Calf slaughter, at 22,700 in September, was 3,300 under last year. The average calf liveweight of 160 pounds was the same as a year earlier. A total of 600 sheep and lambs were slaughtered during September compared with 400 in September 1970.

Commercial Livestock Slaughter

Area	Number		Liveweight		
	September 1970	Change from last year	September		
			1,000 head	Percent	Million pounds
Cattle					
Wisconsin	91.5	98.0	+ 7	100.4	106.0
United States 1/ . .	3,086.7	3,142.5	+ 2	3,144.0	3,168.8
Calves					
Wisconsin	26.0	22.7	- 13	4.2	3.6
United States 1/ . .	351.7	316.1	- 10	86.6	80.6
Hogs					
Wisconsin	300.0	317.0	+ 6	70.5	74.5
United States 1/ . .	7,641.9	7,994.8	+ 5	1,804.0	1,890.5
Sheep and lambs					
Wisconsin4	.6	+ 50	.038	.057
United States 1/ . .	944.6	958.6	+ 1	95.4	95.4

1/Excludes Alaska and Hawaii.

MEAT STOCKS A FIFTH HIGHER THAN YEAR AGO

Cold storage stocks of meat in the Nation on October 31 were 20 percent greater than on that date in 1970. Supplies of beef were up 17 percent and pork stocks showed a gain of 25 percent. There were more than 351 million pounds of beef in cold storage at the end of October while stocks of pork exceeded 308 million pounds.

Cold Storage Stocks of Meat United States

Commodity	Oct. 31, 1969	Oct. 31, 1970	Sept. 30, 1971	Oct. 31, 1971	Change from last year				
					1,000 pounds				
Percent									
Beef:									
Frozen	322,388	287,231	342,445	341,911	+ 19				
In cure and cured	12,156	13,471	8,694	9,530	- 29				
Total	334,544	300,702	351,139	351,441	+ 17				
Pork:									
Frozen	176,277	221,981	287,246	286,513	+ 29				
In cooler	25,264	24,259	21,509	21,656	- 11				
Total	201,541	246,240	308,755	308,169	+ 25				
Other meats and meat products:									
Veal, frozen	7,123	8,802	8,337	8,408	- 4				
Lamb and mutton, frozen	17,037	21,028	20,719	20,539	- 2				
Canned meats in cooler:									
Hams	39,757	52,034	69,104	66,633	+ 28				
Other meats	12,177	16,967	18,443	18,274	+ 8				
Total, all meats	612,179	645,773	776,497	773,464	+ 20				

NOVEMBER CROP REPORT

Except for some corn and soybeans, the 1971 crop harvest in Wisconsin was nearly completed by mid-November. Harvesting of corn and soybeans was slowed during October by high moisture content, wet fields, and the lack of a hard frost. However, colder and drier weather after the first of November enabled farmers to make good progress on the remaining harvest of an excellent crop season.

The October 1 preliminary estimate of the crop production index, at 126 percent of the 1957-59 average, was 11 points greater than 1970 and a record high. This tremendous output was achieved despite much below normal rainfall in the east and south. An unusually warm month of June was especially helpful in the early development of the corn crop.

The 1971 grain corn crop was forecast at 196.6 million bushels on November 1, up 37 percent from the 1970 crop and 21 percent larger than the previous high of 1968. The expected yield of 97 bushels per acre would be 17 bushels above last year and 4 bushels more than the record set in 1968. Soybean production for 1971 was forecast at 3 1/4 million bushels, an increase of 1 percent from 1970. Soybean yields may average 22 bushels per acre, up 1 bushel from a year earlier.

Production of cranberries for 1971 was larger than expected earlier in the season as an unusually warm fall allowed berries to develop good size. The November 1 estimate of 700,000 barrels was just 2,000 less than last year. Production of all potatoes in Wisconsin for 1971 was 13 1/2 million hun-

dredweight, almost 4 percent more than in 1970. Potatoes achieved a record yield of 262 hundredweight per acre this year.

Commercial apple production for 1971 was estimated at 62 million pounds, 7 percent greater than the previous year. Output of tobacco in 1971, at 21 million pounds, was the largest in ten years.

Weather Summary, October, 1971

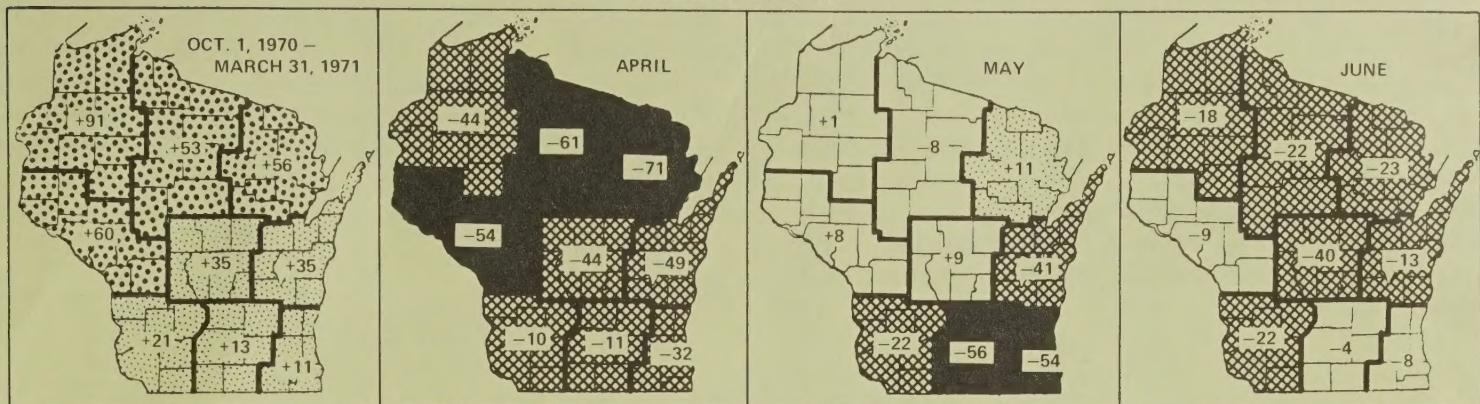
Station	Temperature			Precipitation			
	Low	High	Mean	Normal	For month	Normal	
Ameray	27	78	51	48	4.54	1.80	8.01
Superior	27	73	50	47	5.91	2.18	2.23
Spooner	29	79	52	48	4.73	1.82	-.23
Park Falls	27	75	51	46	3.08	2.25	-1.63
Rhinelande	28	78	52	47	3.14	2.29	4.03
Medford	25	80	54	47	2.22	2.15	-2.02
Marinette	34	84	57	51	2.43	2.23	4.59
Antigo	25	81	54	48	3.86	2.25	.02
River Falls	30	81	54	49	4.46	1.90	1.26
La Crosse	31	81	58	51	1.01	2.19	-3.36
Hatfield Dam	22	83	55	49	1.59	2.25	-.53
Marshfield	28	80	54	48	2.37	2.40	1.42
Hancock	30	83	56	50	2.23	2.32	-.30
Green Bay	30	84	55	48	2.01	1.91	-.68
Oshkosh	34	86	56	51	3.16	1.87	-1.53
Sheboygan	37	87	57	52	2.44	2.32	-3.32
Manitowoc	24	87	55	51	2.28	2.13	-6.47
Lancaster	32	85	57	52	3.17	2.43	-2.18
Darlington	28	88	58	51	2.68	2.45	-5.68
Portage	24	85	55	52	1.34	2.05	-3.93
Madison	28	88	56	50	1.30	2.21	-6.67
Beloit	34	89	62	54	.85	2.39	-6.62
Milwaukee (airport) . .	31	86	56	50	1.90	2.10	-6.05
Average for 23 stations	28.9	82.7	55.0	49.6	2.73	2.17	-1.29

Crop Summary of Wisconsin for November 1, 1971

Crop	Acreage			Yield per acre			Unit	Production		
	1969	1970	1971 (prelimi- nary)	1969	1970	1971 (prelimi- nary)		1969	1970	1971 (prelimi- nary)
Thousands									Thousands	
FIELD CROPS										
Corn for grain	1,684	1,794	2,027	83.0	80.0	97.0	Bu.	139,772	143,520	196,619
Oats	1,687	1,687	1,535	61.0	62.0	59.0 61	Bu.	102,907	104,594	90,565 92635
Barley	35	33	36	55.0	51.0	55.0 57	Bu.	1,925	1,683	1,980 1052
Rye	18	17	18	21.0	22.0	21.0 23	Bu.	378	374	378 414
Wheat (all)	44	40	49 45	34.4	35.6	37.4	Bu.	1,514	1,422	1,832 1685
Winter	31	26	33 29	35.0	38.0	40.0 41	Bu.	1,085	988	1,320 1199
Spring	13	14	16 16	33.0	31.0	32.0 31	Bu.	429	434	512 496
Soybeans for beans	174	153	148	19.0	21.0	22.0	Bu.	3,306	3,213	3,256
Potatoes (all)	53.0	52.0	51.5	234	251	262	Cwt.	12,410	13,028	13,518 13183
Late summer	15.5	15.5	15.5	220	240	245	Cwt.	3,410	3,720	3,798 3643
Fall	37.5	36.5	36.0	240	255	270	Cwt.	9,000	9,308	9,720 9540
Tobacco (all)	7.4	8.8	10.4	1,778	2,095	2,025	Lb.	13,154	18,436	21,060
Type 54	3.7	4.4	5.2	1,740	2,135	2,150	Lb.	6,438	9,394	11,180
Type 55	3.7	4.4	5.2	1,815	2,055	1,900	Lb.	6,716	9,042	9,880
HAY AND FORAGE										
Hay (all)	4,022	4,016	4,099	2.72	2.64	2.72	Ton	10,949	10,601	11,165
Alfalfa and mixtures	2,958	2,958	2,988	2.90	2.80	2.90	Ton	8,578	8,282	8,665
All other	1,064	1,058	1,111	2.23	2.19	2.25	Ton	2,371	2,319	2,500
VEGETABLE CROPS										
Carrots 1/	2.8	2.9	2.8	400	425	420	Cwt.	1,120	1,233	1,176
Cabbage 1/	5.8	6.4	6.1	315	335	370	Cwt.	1,827	2,144	2,257
Lettuce	1.5	1.4	1.5	200	210	200	Cwt.	300	294	300
Mint for oil	7.2	8.2	7.4	43	54	46	Cwt.	313	443	340
Onions, commercial 1/	1.6	1.7	1.6	200	260	240	Cwt.	320	442	384
For processing:										
Green lima beans	8.3	6.6	5.4	1.01	.97	1.20	Ton 2/	8.4	6.4	6.5
Peas	113.8	118.6	123.0	1.18	1.16	1.20	Ton 2/	134.3	137.6	147.6
Snap beans	45.4	44.1	45.0	2.10	2.26	2.40	Ton	95.4	99.7	108.0
Sweet corn	118.7	117.6	119.0	3.57	3.82	4.60	Ton	423.8	449.3	547.4
Cucumbers for pickles	14.9	11.5	8.2	2.83	4.26	5.04	Ton	42.2	49.0	41.4
Beets for canning	6.6	5.8	5.9	11.00	10.43	10.60	Ton	72.6	60.5	62.6
FRUITS, ETC.										
Apples, commercial	—	—	—	—	—	—	Lb.	65,000	58,000	62,000
Tart cherries	—	—	—	—	—	—	Ton	2.7	3.5	8.0
Cranberries	—	—	—	—	—	—	Bbl.	746	702	700

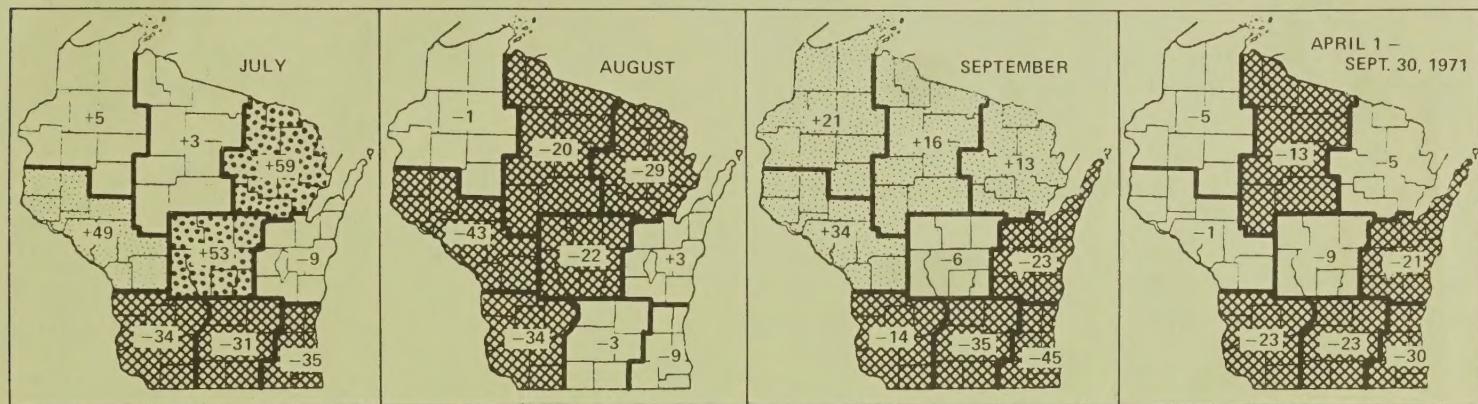
1/Includes portion processed. 2/Shelled.

Weather Record



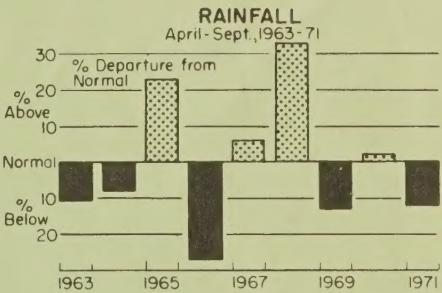
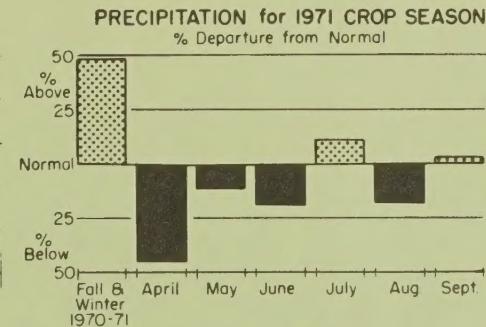
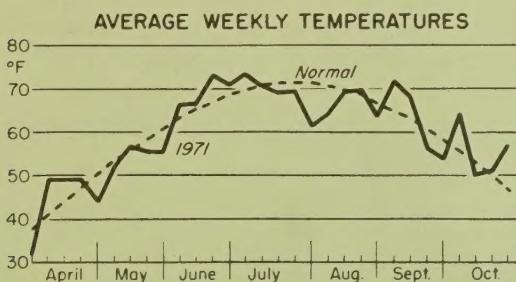
Fall and winter precipitation was above normal in all districts. Heavy autumn rains, particularly over the northwest, recharged soil moisture. Snowfall was very heavy during the winter months, providing a good insulating cover and preventing deep frost penetration. Favorable melt

weather in early spring reduced the expected run-off and added to the soil moisture supply, making it adequate to surplus at the start of the growing season. Rainfall during the growing season was below normal in all areas, but was lightest in the south and east.



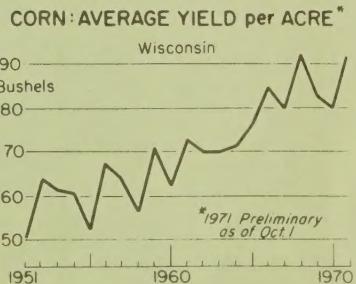
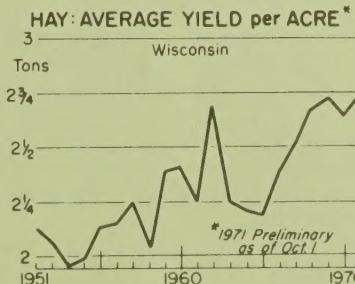
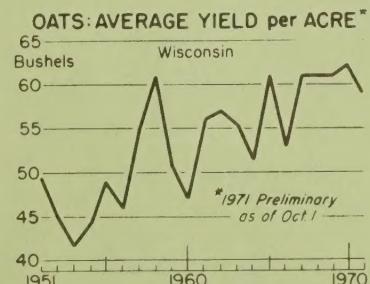
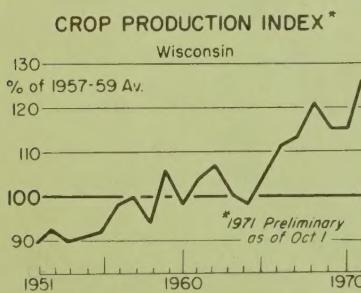
50% or more above normal; 10–49% above normal; near normal 10–49% below normal; 50% or more below normal

Figures show average percent above or below normal for crop districts.



Temperatures during the growing season averaged below normal in May, July, and August but were above in June and September. An unusual feature of the 1971 crop season was that June averaged the warmest of any month. The last statewide frost came on May 3 although light frost

occurred in some areas on May 27. The first general light frost of the fall did not occur until October 7. Rainfall in the State from April through September averaged 12 percent below normal with only July and September averaging above normal.

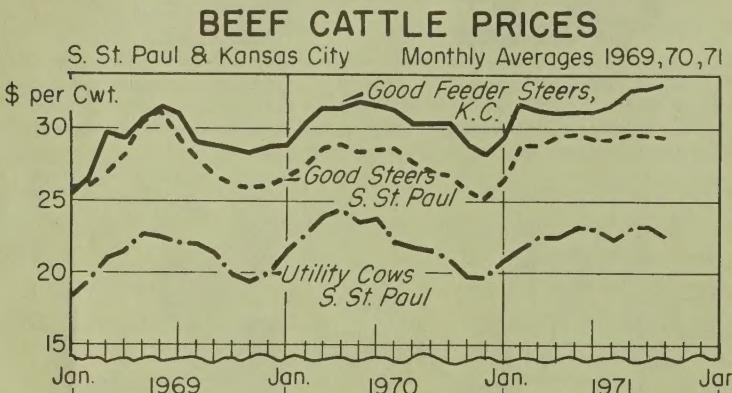


The crop production index, at 126% of the 1957-59 average, was 11 points above 1970 and a record high. Although rainfall was below normal, it was often timely enough to maintain good crop development. Grain corn production on October 1 was estimated at 30 percent above 1970. Soybean output was expected to be up slightly. Production of small grains was higher except for oats. First crop hay was heavy in the

north but lighter in the south and east. Second crop was generally short, while 3rd crop was good where adequate moisture was received. Pastures were good in the western half of the State but only fair in the eastern half. Tobacco was the largest crop since 1961. The cherry and apple crops were good, but cranberries were down. Potatoes were very good again, while garden and vegetable crops yielded well.

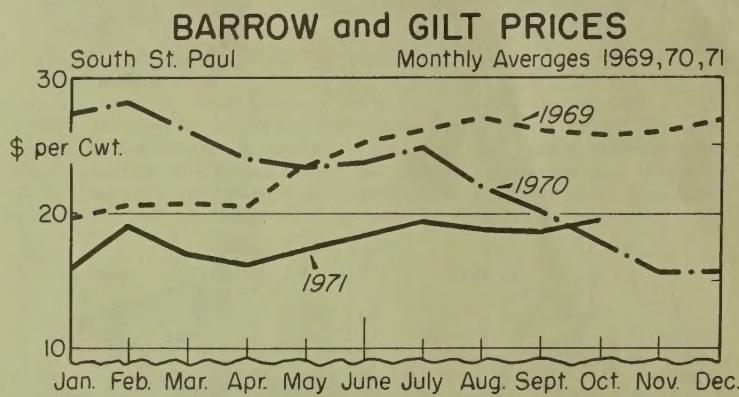
BEEF CATTLE PRICES UP FROM LAST YEAR

Good grade steers at the St. Paul market averaged \$29.47 a hundredweight during October, a decline of 23 cents from the previous month but \$2.72 higher than a year ago. Utility cow prices at St. Paul averaged \$22.81 a hundredweight in October, down 43 cents from September but \$1.76 above October 1970. Good grade feeder steers at the Kansas City market averaged \$32.98 a hundredweight for October, up 18 cents from a month earlier and \$2.72 more than last year.



HOG MARKET HIGHER

Barrow and gilt prices at St. Paul averaged \$19.83 a hundredweight in October, an increase of \$1.03 from September and \$2.12 higher than October 1970. This was the first month since May 1970 that barrow and gilt prices were above the previous year. A year ago in October the barrow and gilt price average at St. Paul was only \$17.71 a hundredweight, having declined \$2.56 from September.



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